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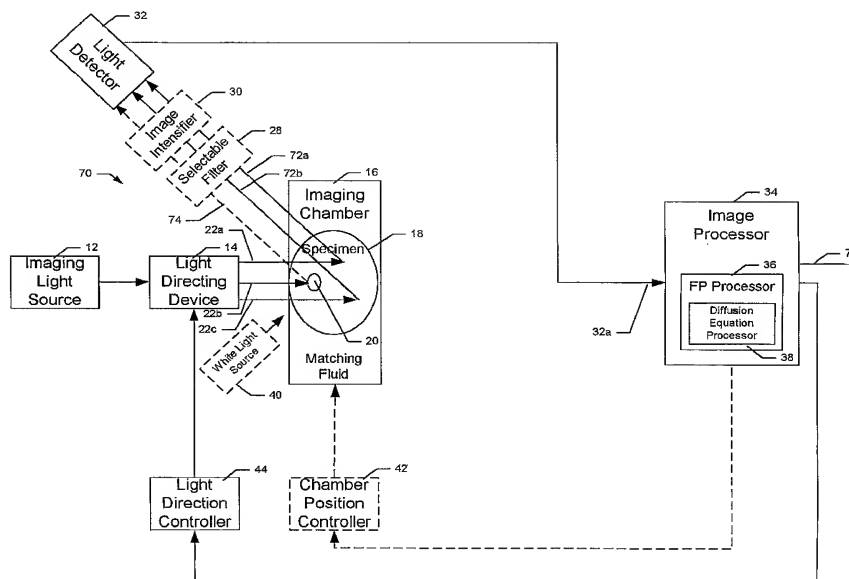
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[Continued on next page]

(54) Title: METHOD AND SYSTEM FOR TOMOGRAPHIC IMAGING USING FLUORESCENT PROTEINS



(57) Abstract: A system for optical tomography includes an apparent light source adapted to project excitation light toward a specimen having fluorescent proteins therein, wherein the excitation light enters the specimen becoming intrinsic light within the specimen, wherein the intrinsic light is adapted to excite fluorescent light from the fluorescent proteins, and wherein the intrinsic light and the fluorescent light are diffuse. A method of optical tomography includes generating the excitation light with the apparent light source, wherein the intrinsic light and the fluorescent light are diffuse.



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| <ul style="list-style-type: none">— as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations— as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations— of inventorship (Rule 4.17(iv)) for US only | <p><i>For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.</i></p> |
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